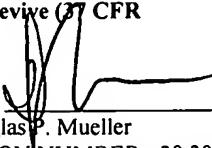


U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER
FORM PTO-1390 (REV 10-94)		10921.420USWO
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.6) Unknown 10/587116
INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
PCT/JP2005/000757	21 January 2005	26 January 2004
TITLE OF INVENTION		
THERMAL PRINthead		
APPLICANT(S) FOR DO/EO/US		
NAKANISHI		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(l).</p> <p>4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</p> <p>6. <input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> A signed oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</p> <p>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11. to 16. below concern document(s) or information included:		
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98, Form 1449, 4 references.</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</p> <p>14. <input type="checkbox"/> A substitute specification.</p> <p>15. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>16. <input checked="" type="checkbox"/> Other items or information: International Publication Page, Verification of Translation, Application Data Sheet (3 pages), Form PCT Request, Form PCT/ISA/210, Form PCT/IB/304, 6 Sheets of Formal Drawings</p>		

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) Unknown 10/587116	INTERNATIONAL APPLICATION NO. PCT/JP2005/000757	ATTORNEY'S DOCKET NUMBER 10921.420USWO																		
BASIC NATIONAL FEE (37 CFR 1.492(a) (1)-(5)):																				
<input checked="" type="checkbox"/> a) Basic National fee.....\$300 <input checked="" type="checkbox"/> b) Examination fee.....\$200.00 If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)....\$0 All other situations.....\$200.00																				
<input checked="" type="checkbox"/> c) Search fee.....\$400.00 If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)....\$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....\$100.00 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....\$400.00 All other situations.....\$500.00																				
TOTAL OF ABOVE CALCULATIONS = \$900.00																				
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets. The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																				
Total Sheets	Extra Sheets	Number of each additional set of 50 sheets, more than 100 sheets	Rate																	
25 -100 = 0	/50 = 0		X \$250	\$0.00																
Surcharge of \$130 for furnishing the oath or declaration later than [] 20 [] 30 months from the earliest claimed priority date (37 CFR 1.492(e)).			\$																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">Total claims</td> <td style="width: 20%;">CLAIMS (AS FILED)</td> <td style="width: 30%;">NUMBER EXTRA</td> <td style="width: 40%;">RATE</td> </tr> <tr> <td>5</td> <td>-20 = 0</td> <td></td> <td>X \$50</td> </tr> <tr> <td>Independent claims</td> <td>2</td> <td>-3 = 0</td> <td>X \$200</td> </tr> <tr> <td colspan="2">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td></td> <td>+ \$360</td> </tr> </table>			Total claims	CLAIMS (AS FILED)	NUMBER EXTRA	RATE	5	-20 = 0		X \$50	Independent claims	2	-3 = 0	X \$200	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$	
Total claims	CLAIMS (AS FILED)	NUMBER EXTRA	RATE																	
5	-20 = 0		X \$50																	
Independent claims	2	-3 = 0	X \$200																	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360																	
TOTAL OF ABOVE CALCULATIONS = \$900.00			\$																	
Reduction by 1/2 for filing by small entity, if applicable. Small entity status is claimed pursuant to 37 CFR 1.27			\$																	
SUBTOTAL = \$900.00			\$																	
Processing fee of \$130 for furnishing the English translation later than [] 20 [] 30 months from the earliest claimed priority date (37 CFR 1.492(f)).			+ \$																	
TOTAL NATIONAL FEE = \$900.00			\$																	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property			+ \$40.00																	
TOTAL FEES ENCLOSED = \$940.00			\$																	
			Amount to be refunded:	\$																
			charged	\$																
a. <input checked="" type="checkbox"/> Check(s) in the amount of \$900.00 and \$40.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge the amount of \$ to cover the required filing fee for a large entity to the credit card listed on the enclosed credit card authorization form. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-3478.																				
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.																				
SEND ALL CORRESPONDENCE TO: Douglas P. Mueller Hamre, Schumann, Mueller & Larson, P.C. P.O. Box 2902-0902 Minneapolis, MN 55402																				
SIGNATURE:  NAME: Douglas P. Mueller REGISTRATION NUMBER: 30,300																				

UNITED STATES PATENT AND TRADEMARK OFFICE

10/587116

Applicant: NAKANISHI
 Attorney Docket: 10921.420USWO
 Title: THERMAL PRINthead

AP20 Rec'd PCT/PTO 24 JUL 2006

CERTIFICATE UNDER 37 CFR 1.10

Express Mail mailing label number: EV858803060US

Date of Deposit: 24 JULY 2006

I hereby certify that the papers listed below are being deposited with the United States Postal Service Express Mail Post Office to Addressee service under 37 CFR 1.10 in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: 
 Name: Abbie Larkin

Mail Stop PCT
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

52835

PATENT TRADEMARK OFFICE

Sir:

The following papers are transmitted herewith:

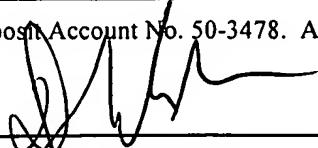
- Transmittal sheet, in duplicate, containing Certificate Under 37 CFR 1.10;
- National Stage Patent Application including: Description - 15 pages; Claims - 3 pages; Abstract - 1 page; Drawings - 6 sheets (formal);
- Signed Combined Declaration and Power of Attorney;
- Assignment of the invention to ROHM CO., LTD., Recordation Form Cover Sheet, a check for \$40.00 to cover the Assignment Recording Fee.
- Application Data Sheet - 3 pages;
- Information Disclosure Statement, Form 1449, 4 references
- Check(s) for the amount of \$900.00 to cover the filing fee calculated below;
- Return postcard
- Other: International Publication Page, Verification of Translation, Courtesy copy of PCT/JP2005/000757 in Japanese, Form PCT Request, Form PCT/ISA/210, Form PCT/IB/304, Form PTO-1390, Preliminary Amendment

CLAIMS AS FILED

Number of Claims Filed	No.	In Excess of	Extra	Rate		Fee
Total Claims	5	20	0	50.00	=	0.00
Independent Claims	2	3	0	200.00	=	0.00
Multiple Dependent Claims Fee					=	0.00
Basic Filing Fee					=	300.00
Search Fee					=	400.00
Examination Fee					=	200.00
Utility Application Size Fee	25	100	0	250.00	=	0.00
Total					=	\$900.00

Please charge any additional fees or credit overpayment to Deposit Account No. 50-3478. A duplicate of this sheet is enclosed.

Hamre, Schumann, Mueller & Larson, P.C.
 P.O. Box 2902, Minneapolis, MN 55402-2902
 612.455-3800

By: 
 Name: Douglas P. Mueller
 Reg. No. 30,300
 Initials: DPM/hjm